

Weekly Report

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Work in this week

1. Deal with the MovieLens data and visualize it with the previous system. The problems encountered here are 1)the veracity of MDS projection and 2)the pipeline of when finding patterns. I replace the MDS with PCA and find it not appropriate indeed. PCA just selects the two prominent dimensions and is not enough to represent the differences between two blocks. As for the second problems, one paper with the same layout with us provides the method that compare categories in hierarchies seeming more unambiguous. Maybe the only difference between them and our method is the automatic clustering idea, helping users to find patterns in large dimension combinations.
2. Read papers about comparison of categories.

Plan for next week

Refine the analysis method in our system and try to find a novel pipeline different from the InforVis paper discussed above.